CFAIR

ENGINE DRIVEN COMPRESSOR

50-1800CFM 7-30bar / 101.5psi-435psi

ENGINE DRIVEN AIR COMPRESSORS

PROFESSIONAL MANUFACTURER

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BOX SERIES | PORTABLE SERIES | AFTER COOLER SERIES | HIGH PRESSURE SERIES | OIL-FREE SERIES

ENGINE-DRIVEN COMPRESSOR MANUFACTURER

20000+
AIR COMPRESSOR SOLUTIONS

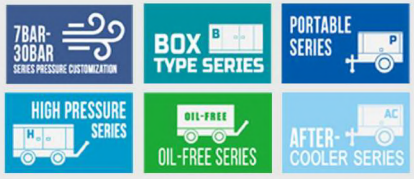
35+
INTERNATIONAL MARKET

45+
TECHNOLOGY HISTORY

CFAIR ENGINE DRIVEN
SCREW AIR COMPRESSORS

PROFESSIONAL MANUFACTURER

CFAIR offers a range of engine driven screw air compressors including Box Type, Portable Type, After Cooler Series, High Pressure Series, and Oil Free models. Equipped with leading global manufacturing equipment, CFAIR ensures rigorous control from precision machining of screw heads, assembly, and system performance testing to comprehensive solution design and exterior finishing by expert teams. CFAIR compressors range in power from 50 CFM to 1800 CFM and operate at pressures from 7 bar to 30 bar.



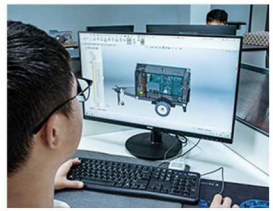
HIGH-QUALITY SOLUTIONS

CFAIR's team comprises industry experts and seasoned professionals with over 45 years of technical expertise in the design and manufacturing of screw air compressors. With a research and development experience of over 20,000 diesel screw air compressors, they lead and drive the advancement of screw air compressor technology.

CFAIR PRODUCTION PROCESS AND TECHNOLOGY

Our professional production line starts with the production of screw heads, where our team of experts and advanced machines use cutting-edge equipment to ensure excellence and durability. Subsequently, sheet metal production involves processes such as laser cutting, bending, welding, pickling, phosphating, forming and anti-corrosion coating.

Our assembly workshop is equipped with professional tools and skilled personnel to ensure that our production capabilities meet industry standards. Each machine is then rigorously tested and inspected by experts in our quality inspection and testing workshop to ensure that it meets our high quality standards.



QUALITY CERTIFICATE AUTHENTICATION

Quality Management System (QMS) International Standard 9001-2015.

International Standard For Occupational Health And Safety Management Systems 4501-2018.

International Standard For Environmental Management Systems 14001-2015.

CE European Union Standard Certification

MODEL SELECTION
COMPREHENSIVE SOLUTION
PORTABLE SERIES

Portable

PORTABLE SCREW AIR COMPRESSOR

A portable air compressor is a compact and mobile device used to generate compressed air for various applications on-site or in remote locations.

CFAIR PORTABLE AIR COMPRESSOR ADVANTAGES

CFAIR provides PORTABLE air compressors designed for mobility and various applications, with compact design for easy movement.
Its screw compressors are compact, quiet, stable, high-performance and durable.
Secondly, high-quality components such as air filters, engines, heads, batteries and control systems are industry-leading.

PORTABLE AIR COMPRESSOR

DETAILED DISPLAY

1.DIESEL ENGINES

- CFAIR's main engine brands include Cummins, ISUZU and a small amount of FAW
- Adopting four-stroke four- to six-cylinderengines of various brands, with stableperformance

2.TWO-STAGE AIR FILTERPREFER

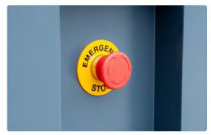
- The double-layer nano-scale air filter for diesel air compressors enhances filtration efficiency, extends engine life, improves fuel efficiency, reduces maintenance costs, ensures consistent performance, and offers environmental benefits by capturing finer particles, leading to cleaner air intake and optimal engine operation.

3.USER FRIENDLY CONTROL PANEL

- CFAIR Diesel Air Compressor Manufacturers design intuitive user-friendly interface, enhanced monitoring, accuracy, improved safety and efficiency to ensure compressor reliability.

4.STAINLESS OUTLET VALVE

- Stainless steel outlets for diesel air compressors offer durability, corrosion resistance, reliability, longevity, and maintain air purity.



5.EMERGENCY STOP BUTTON

- An emergency stop button for a diesel air compressor enhances safety, allows immediate shutdown in emergencies, prevents damage, reduces risks, and ensures operator protection and equipment reliability.

6.BATTERY ISOLATOR

- In order to ensure the battery life, we added a battery isolator to shut down the battery power to prevent the battery from continuously discharging when the air compressor is not in use.

PORTABLE SERIES
AIR COMPRESSOR

Portable

120 CFM
7BAR

SEPECIFICATION	CF120M-7
Free Air Delivery	3.4m3/min(120cfm)
Working Pressure	7bar(101.5psi)
Model	ISUZU JE493YB
L × W × H	3066 × 1456 × 1587 mm
Weight	900kg

190 CFM
7BAR

SEPECIFICATION	CF190M-7
Free Air Delivery	5.4m3/min(190cfm)
Working Pressure	7bar(101.5psi)
Model	ISUZU JE493ZYA
L × W × H	3375 × 1610 × 1600mm
Weight	1020kg

275 CFM
7BAR

SEPECIFICATION	CF275M-7
Free Air Delivery	7.8m3/min(275cfm)
Working Pressure	7bar(101.5psi)
Model	ISUZU JE493ZLYA
L × W × H	3530 x 1760 x 1850 mm
Weight	1380kg

400 CFM
7BAR

SEPECIFICATION	CF400M-7
Free Air Delivery	11.3m3/min(400cfm)
Working Pressure	7bar(101.5psi)
Model	CUMMINS 4BTA3.9-C125
L × W × H	4155 × 2024 × 1890 mm
Weight	1970kg

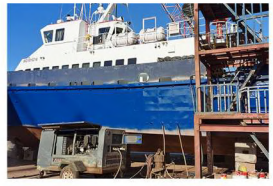
390 CFM
10.5BAR

SEPECIFICATION	CF390M-10.5
Free Air Delivery	11m3/min(390cfm)
Working Pressure	10.5bar(152.25psi)
Model	CUMMINS 6BT5.9-C150
L × W × H	4567 × 2027 × 2000 mm
Weight	2070kg

830 CFM
10.5BAR

SEPECIFICATION	CF830M-10.5
Free Air Delivery	23.4m3/min(830cfm)
Working Pressure	10.5bar(152.25psi)
Model	CUMMINS 6LTAA8.9-C360
L × W × H	4370 x 1950 x 2355 mm
Weight	4400kg

MODEL	FREE AIR DELIVERY	PRESSURE	ENGINE	DIMENSIONS(MM)	WEIGHT(KG)	AIR OUTLETS
CF50M-7	50CFM / 1.4M³/MIN	7BAR / 101.5PSI	RATO R740D	1150*860*830	350	1 X 1/2"
CF75M-7	75CFM / 2.1M³/MIN	7BAR / 101.5PSI	RAWYIN 3C11	1880*915*1230	820	1 X 1/2"
CF100M-7	100CFM / 2.8M³/MIN	7BAR / 101.5PSI	ISUZU JE493YB	3066*1456*1587	900	2 X 3/4"
CF120M-7	120CFM / 3.4M³/MIN	7BAR / 101.5PSI	ISUZU JE493YB	3066*1456*1587	900	2 X 3/4"
CF130M-7	130CFM / 3.7M³/MIN	7BAR / 101.5PSI	ISUZU JE493YB	3066*1456*1587	900	2 X 3/4"
CF185M-7	185CFM / 5.2M³/MIN	7BAR / 101.5PSI	FAW 4DW91-56G2	3375*1610*1600	1020	3 X 3/4"
CF190M-7	190CFM / 5.4M³/MIN	7BAR / 101.5PSI	ISUZUJE 493ZYA	3375*1610*1600	1020	3 X 3/4"
CF275M-7	275CFM / 7.8M³/MIN	7BAR / 101.5PSI	ISUZU JE493ZLYA	3530*1760*1850	1380	2 X 3/4" + 1 X 1-1/4"
CF375M-7	375CFM / 10.6M³/MIN	7BAR / 101.5PSI	CUMMINS 4BTA3.9-C125	4155*2024*1890	1970	3 X 3/4" + 1 X 2"
CF400M-7	400CFM / 11.3M³/MIN	7BAR / 101.5PSI	CUMMINS 4BTA3.9-C125	4155*2024*1890	1970	3 X 3/4" + 1 X 2"
CF550M-7	550CFM / 15.5M³/MIN	7BAR / 101.5PSI	CUMMINS 6BTA5.9-C180	4567*2027*2000	2070	3 X 3/4" + 1 X 2"
CF750M-7	750CFM / 21.1M³/MIN	7BAR / 101.5PSI	CUMMINS 6CTA8.3-C260	4370*1750*2305	3800	1 X 3/4" + 1 X 2"
CF830M-7	830CFM / 23.4M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6LTAA8.9-C360	4370*1950*2355	4400	1 X 3/4" + 1 X 2"
CF1800M-7	1800CFM / 50.7M³/MIN	7BAR / 101.5PSI	CUMMINS QSZ13-C550	4683*2200*2535	7355	1 X 3/4" + 1 X 2"
CF210M-10.5	210CFM / 5.9M³/MIN	10.5BAR / 152.25PSI	ISUZU JE493ZLYA	3530*1760*1850	1380	2 X 3/4" + 1 X 1-1/4"
CF390M-10.5	390CFM / 11M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6BT5.9-C150	4567*2027*2000	2070	3 X 3/4" + 1 X 2"
CF460M-10.5	460CFM / 13M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6BTA5.9-C180	4567*2027*2000	2070	3 X 3/4" + 1 X 2"
CF535M-10.5	535CFM / 15M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSB5.9-C210	4567*2027*2000	2070	3 X 3/4" + 1 X 2"
CF655M-10.5	655CFM / 18.5M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6CTA8.3-C260	4370*1750*2305	3800	1 X 3/4" + 1 X 2"
CF780M-10.5	780CFM / 22M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6CTA8.3-C260	4370*1750*2305	3800	1 X 3/4" + 1 X 2"
CF830M-10.5	830CFM / 23.4M³/MIN	10.5BAR / 152.25PSI	CUMMINS 6LTAA8.9-C360	4370*1950*2355	4400	1 X 3/4" + 1 X 2"
CF1200M-10.5	1200CFM / 33.8M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSZ13-C550	4683*2200*2535	7355	1 X 3/4" + 1 X 2"
CF1600M-10.5	1600CFM / 45M³/MIN	10.5BAR / 152.25PSI	CUMMINS QSZ13-C550	4683*2200*2535	7355	1 X 3/4" + 1 X 2"



● Please contact with CFAIR teams for more models of compressors.

● Specifications are subject to change without notice.

PNEUMATIC TOOLS

T SERIES

DETAILS

- Heat-treated forged body for excellent durability.
- Noise reduction muffler is optionally available.
- D-style handle for precise control

Model	Piston Diameter	Piston Stroke	Avg. Air Consumption	Weight	Impact Frequency	Air Pressure	Overall Length	Hose Size	Shank Size
TCA-7	35	120	35.3	7.2	20.8	6.3	465	19	26×80
TCD-20	42.85	60	39	10	33.3	6.3	520	19	26×80
TPB-40	44	146	56.8	18	17.5	6.3	660	19	25×108
TPB-60	57.15	100	66.7	30	23.3	6.3	345	19	32×152
TPB-90	66.67	152	36.7	42	25.3	6.3	723	19	32×152

M/B SERIES

Model	Bore (mm)	Stroke (mm)	Impact Rate (B.P.M)	Weight (kg)	Length (mm)	Air Consumption (CFM/m3/min)	Shank Size (mm)	Air Inlet (inch)
MO-2	32	163	1500	7.9	560	48.7 / 1.37	Ø24×72	3/4
MO-3	32	193	1320	8.2	595	1.43 / 50.8	Ø24×72	3/4
MO-4	32	228	1080	9	650	1.67 / 59.3	Ø24×72	3/4
B-1	38	198	960	14.1	665	2.74 / 97.4	Ø24×72	3/4
B-2	38	258	780	15.4	745	2.5 / 89	Ø24×72	3/4
B-3	38	293	720	16.2	795	2.5 / 89	Ø24×72	3/4

CHIPPING HAMMER & SPADE

Model	Diameter (mm)	Stroke (mm)	Air Pressure (Mpa)	Impact Energy J	Impact Frequency (HZ)	Air Consumption (L/S)	Pipe Joint Outer Diameter (mm)	Weight (kg)	Shank Size (mm)
C3	25	60	0.63	≥5	≥45	≤15	13	3.5	Ø17.5×60
C4	30	80	0.63	≥10	≥40	≤18	18	5.7	Ø17.5×60
C6A	30	105	0.63	≥14	≥32	≤21	18	6.7	Ø17.5×60
C6E	25	92	0.63	≥10	≥35	≤19	13	4.4	Ø17.5×60
Q6D	33	45	0.63	≥5	≥30	≤280	9	5.2	S18×60
Q8T	48	55	0.63	≥15	≥26	≤480	9	8	S18×60

G SERIES

Model	Bore (mm)	Stroke (mm)	Use air pressure (Mpa)	Weight (kg)	Length (mm)	Air consumption (L/S)	Shank Size (mm)	outer diameter
G10	38	155	0.63	10	570	≤26	Ø24×72	19
G12	38	155	0.63	11	570	≤26	Ø24×72	20
G15	38.5	155	0.63	11	570	≤26	Ø24×72	20
G16	40	155	0.63	13	345	≤26	Ø24×72	20
G20A	48	155	0.63	20	540	≤28	Ø30×87	20
G20B	40	155	0.63	14	600	≤26	Ø24×72	20
G25	48	155	0.63	42	723	≤28	Ø30×87	20
G30	48	155	0.63	20.5	600	≤28	Ø30×87	20

ROCK DRILLING

FUNCTIONAL USE

- Rock drills are used in mining, quarrying, tunnel construction, blasting, breaking rock, and drilling holes in construction and civil engineering projects.

ACCESSORIES

Model	Weight (kg)	Bore (mm)	Stroke (mm)	Impact Energy J	Impact Frequency (HZ)	Air consumption (L/S)	Air Hose (mm)	Water Hose (mm)	Shank (mm)
Y-18	18	60	50	32.7	30	25	19	13	22×108
Y-20	18	60	50	32.7	30	25	19	13	22×108
Y-24	24	70	70	62	31	56	19	13	22×108
Y-28	26	80	60	63	35	58	25	13	22×108

ACCESSORIES

Shovel Head	1#	2#	3#	4#	5#	6#	7#	8#
Length and Width	390×140	300×200	300×60	300×25	390×pointed	270×35	240×80	560×110
Weight (kg)	1.5	1.1	0.63	0.59	0.56	0.57	0.6	2

Our brand of goods packaging can accept the customer's customized packaging type, such as wooden box .

● For more pneumatic tool models, please contact CFAIR team.

ACCESSORIES, PRE-SALES AND AFTER-SALES SERVICES

ACCESSORIES SERVICE AND PACKAGING DELIVERY

ACCESSORIES SERVICE

CFAIR offers a comprehensive accessories service. When you purchase a machine, you can opt to have the corresponding maintenance accessories shipped with it, or you can buy them separately during maintenance.
Additionally, CFAIR provides air transportation services for your convenience.

PACKAGE CONDITION

CFAIR offers two superior packaging options to ensure your machine's safe transit: PE film with anti-collision cotton and wooden box packaging. These excellent packaging methods help prevent any damage or bumps during transportation.

DELIVERY TIME

CFAIR uses German technology to design oil-free screw air compressor heads to ensure safety and stability, ensure clean air output, reduce maintenance, extend service life, and be environmentally friendly.

PAYMENT METHOD AND AFTER-SALES SERVICE

TECHNICAL SERVICES

CFAIR offers advanced air compressor technology, ensuring seamless operation and intuitive controls, along with comprehensive after-sales support to meet all your maintenance and service needs efficiently.

TECHNICAL SERVICES

CFAIR calculates the warranty period after purchase and delivery (warranty period 1 year), and can be switched to a warranty plan (up to 1,000 operating hours) without any complex contract negotiations. Best of all: During the warranty period, there is no additional cost to pay, except for the standard maintenance costs.

WARRANTY PLAN

Our relentless efforts in supply chain management and quality control have earned CFAIR a strong market reputation, focusing on customer feedback to improve product reliability, durability, and delivery timeliness.

Our brand of goods packaging can accept the customer's customized packaging type, such as wooden box .

CFAIR ALL AIR COMPRESSOR SOLUTIONS

CFAIR COMPRESSED AIR MACHINE TYPE SPECTRUM

Small Air
- 50-535 CFM
- 101.5-152.25 PSI

(Pneumatic Pick for sale)

Medium Air
- 535-850 CFM
- 101.5-152.25 PSI

(Pneumatic Pick for sale)

Large Air
- 600-1800 CFM
- 152.25-435 PSI

(Pneumatic Pick for sale)

PORTABLE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-435 PSI

EU/EPA PORTABLE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-362.5 PSI

BOX-TYPE SCREW AIR COMPRESSOR
- 50-1800 CFM
- 101.5-435 PSI

AFTER-COOLER SCREW AIR COMPRESSOR
- 75-1600 CFM
- 101.5-362.5 PSI

HIGH PORTABLE SCREW AIR COMPRESSOR
- 75-1800 CFM
- 101.5-435 PSI

OIL-FREE SCREW AIR COMPRESSOR
- 150-1500 CFM
- 127.6-149.5 PSI

● Please contact with CFAIR teams for more models of compressors.